

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: THEODORE WEBB ET AL.

Filed: NOVEMBER 2, 2001

For: SYSTEMS AND METHODS FOR USING DISTRIBUTED  
INTERCONNECTS IN INFORMATION MANAGEMENT  
ENVIRONMENT

Serial No.: 10/003,683

Group Art Unit: UNKNOWN

Examiner: UNKNOWN

Atty Docket No.: SURG:162

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Pursuant to 37 C.F.R. 1.8, I certify that this correspondence is being deposited with the U.S. Postal Service in a first class, postage prepaid envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date below:

2.8.02

Date

Marty Bauer

Name

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98, it is respectfully requested that this Information Disclosure Statement be entered and the document(s) listed on attached Form PTO-449 be considered by the Examiner and made of record.

In accordance with 37 C.F.R. §§ 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

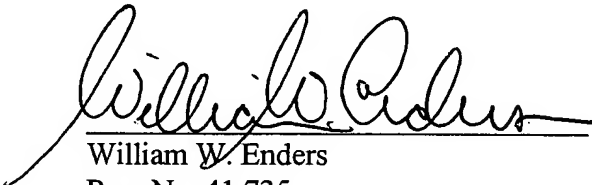
The present Information and Disclosure Statement is being filed prior to the receipt of a first

Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is hereby authorized to deduct said fees from Deposit Account No. 10-1205/SURG:162..

A copy of the listed document(s) required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

Applicant respectfully requests that the listed document(s) be made of record in the present case.

Respectfully submitted,



William W. Enders  
Reg. No. 41,735  
Attorney for Applicant

○ O'KEEFE, EGAN & PETERMAN, LLP  
1101 Capital of Texas Highway South  
Building C, Suite 200  
Austin, Texas 78746  
(512) 347-1611  
FAX: (512) 347-1615

Enclosures

**Form PTO-1449** (modified)

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U.S. Patent and Publications for Applicant's

Applicant

Webb et al.

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U.S. Patent Documents

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**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
	A1	5,592,672	1/7/97	Grewal et al.			1/18/96
	A2	5,408,465	4/18/95	Gusella et al.			6/21/93
	A3	6,031,841	2/29/00	Woundy			12/23/97
	A4	6,002,667	12/14/99	Manning et al.			7/18/96
	A5	5,996,013	11/30/99	Delp et al.			4/30/97
	A6	5,982,771	11/9/99	Caldara et al.			7/18/96
	A7	5,941,951	8/24/99	Day et al.			10/31/97
	A8	5,940,372	8/17/99	Bertin et al.			7/12/96
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	A12	6,034,958	3/7/00	Wicklund			7/11/97
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	A19	5,334,962	8/2/94	Higgins et al.			5/29/90
	A20	5,941,969	8/24/99	Ram et al.			10/22/97
	A21	5,987,627	11/16/99	Rawlings, III			10/27/92
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	A23	4,276,597	6/30/81	Dissly et al.			1/17/74

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Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	WO 99/33229	7/1/99				Yes
	B2	WO 99/03298	1/21/99				Yes
	B3	WO 97/47113	12/11/97				Yes

**Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)**

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	C1	"Network Processor Designs for Next-Generation Networking Equipment White Paper" <a href="http://www.exchip.com/html/tech_nsppaper.html">http://www.exchip.com/html/tech_nsppaper.html</a> , 8/30/00, pgs. 1-8
	C2	"C5DCP: C-5 Digital Communications Processor (DCP)" <a href="http://ebus.mot-sps.com/ProdCat/psp/0,1250,C5DCP~M957198845249,00.html">http://ebus.mot-sps.com/ProdCat/psp/0,1250,C5DCP~M957198845249,00.html</a> , 9/11/00, pgs. 1-5
	C3	Product Brief, C-Port A Motorola Company, "C-5 Digital Communications Processor" pgs. 1-8
	C4	Product Brief, Prism IQ2000, Family of Network Processors, "Ushering In A new Era Of Performance and Flexibility, pgs. 1-4
	C5	"Strategies to Protect Against Distributed Denial of Service (DdoS) Attacks" <a href="http://www.ieng.com/warp/public/707/newflash.html">http://www.ieng.com/warp/public/707/newflash.html</a> , 2/17/00, pgs. 1-6
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	C7	Press Release, Power X Unveils Switch Fabric Breakthrough At Networkworld & Interop In Atlanta, <a href="http://www.px.uk.com/px_news_press_10.htm">http://www.px.uk.com/px_news_press_10.htm</a> , 9/19/00, pgs. 1-4
	C8	"SP2 High Performance Switch Overview" <a href="http://www.mhpcc.edu/training/workshop/ibmhsw/switch.html">http://www.mhpcc.edu/training/workshop/ibmhsw/switch.html</a> , 9/19/00, pgs. 1-4
	C9	CSIX Position Paper, "The Need For A New Common Switch/Fabric Interface To Support Next Generation Networks" <a href="http://www.csix.org/csixpp.htm">http://www.csix.org/csixpp.htm</a> , 9/19/00, pgs. 1-4

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	C11	"ASP Server Farm Load Balancing" <a href="http://www.asptoday.com/articles/20000822.htm">http://www.asptoday.com/articles/20000822.htm</a> , 10/10/00, pgs. 1-5
	C12	"Network Processor Units: The Rising Storm" <a href="http://www.sunworld.com/sunworldonline/swol-07-2000/f_swol-0700-npu.html">http://www.sunworld.com/sunworldonline/swol-07-2000/f_swol-0700-npu.html</a> , 8/30/00, pgs. 1-6
	C13	Russell Johnson, "Routing Depends on Switch Fabric" <a href="http://www.eetimes.com/printableArticle?doc_id=OEG20000124S0043">http://www.eetimes.com/printableArticle?doc_id=OEG20000124S0043</a> , 9/19/00, pgs. 1-4
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	C15	Braden, Ed., et al., "Resource ReSerVation Protocol (RSVP)", Version 1 Functional Specification, Sept. 1997
	C16	Blake, et al., "An Architecture for Differentiated Services", Dec. 1998
	C17	Nichols, et al., "Definition of the Differentiated Services Field (DS Field) in the Ipv4 and Ipv6 Headers", Dec. 1998
	C18	"White Paper-Introduction to QoS Policies", Stardust.com, Inc., July 6, 1999
	C19	"White Paper-QoS Protocols & Architectures", Stardust.com, Inc., July 8, 1999
	C20	"Technology Backgrounder-Quality of Service-Glossary of Terms", Compiled by Vicki Johnson, Stardust.com, Inc., May 1999
	C21	Platt, Charles, "The Future Will Be Fast But Not Free", May 2001
	C22	"Quality of Service (QoS) in the New Public Network Architecture", <i>IEEE Canadian Review - Fall/Autumn</i> 2000
	C23	Armitage, Grenville et al., "MPLS: The Magic Behind the Myths", <i>IEEE Communications Magazine</i> , January 2000

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See Pages 2-5**Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)**

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	C25	InfiniBand™ Architecture Specification Volume 2 - Release 1.0, InfiniBand <sup>SM</sup> Trade Association, October 24, 2000
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	C27	Dan, et al., "A Generalized Interval Caching Policy for Mixed Interactive and Long Video Workloads," 8 pages
	C28	Dan, et al., "An Online Video Placement Policy based on Bandwidth to Space Ratio (BSR)," SIGMOD, pp. 376-385 (June 1995)
	C29	Ozden, et al., "Buffer Replacement Algorithms for Multimedia Storage Systems," 9 pages
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	C31	Golubchik, et al., "Reducing I/O Demand in Video-On-Demand Storage Servers," ACM 0-89791-695, pp. 25-36 (June 1995)
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	C33	Ghandeharizadeh, et al., "Mitra: A Scalable Continuous Media Server," Multimedia Tools and Applications 5, pp. 79-108 (1997)
	C34	Little, et al., "Popularity-based assignment of movies to storage devices in a video-on-demand system," Multimedia Systems 2:280-287 (1995)
	C35	Lougher, et al., "The Design of a Storage Server for Continuous Media," The Computer Journal, Vol. 36, No. 1 (1993)
	C36	Teorey, et al., "A Comparative Analysis of Disk Scheduling Policies," Comm. of the ACM Vol. 15, No. 3, pp. 177-184 (1972)
	C37	Gemmell, et al., "Multimedia Storage Servers: A Tutorial," IEEE Vol. 28, No. 5, pp. 40-49 (May 1995)
	C38	Chen, et al., "Optimization of the Grouped Sweeping Scheduling (GSS) with Heterogeneous Multimedia Streams," 7 pages

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	C41	Vin, et al., "Designing a Multiuser HDTV Storage Server," IEEE Vol. 11, No. 1, pp. 153-164 (January 1993)
	C42	Triantafillou, et al., "Prefetching into Smart-Disk Caches for High Performance Media Servers," 6 pages
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	C44	Ng, et al., "Maximizing Buffer and disk Utilizations for News On-Demand," Proceedings of the 20th VLDB Conference, pp. 451-462 (1994)
	C45	Haskin, "Tiger Shark -- A scalable file system for multimedia," IBM J. Res. Develop., Vol. 42, No. 2, pp. 185-188 (March 1998)
	C46	Kienzle, et al., "Multimedia file serving with the OS/390 LAN server," IBM Systems Journal, Vol. 36, No. 3 (1997)
	C47	Reisslein, et al., "High-Performance Prefetching Protocols for VBR Prerecorded Video," 27 pages (September 1998)
	C48	Sen, et al., "Online Smoothing of Variable-Bit-Rate Streaming Video," CMPSCI Technical Report 98 -- 75, 30 pages
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	C50	Nussbaumer, et al., "Networking Requirements for Interactive Video on Demand," IEEE Vol. 13, No. 5 pp. 779-787 (June, 1995)
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	C52	Reddy, "Evaluation of Caching Strategies for an Internet server," IEEE 0-8186-7819, pp. 118-125 (April 1997)
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